

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor:

David J. Love

Serial No.: 10/644,545

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For: LOW-COMPLEXITY HIERARCHICAL DECODING FOR

COMMUNICATIONS SYSTEMS USING MULTIDIMENSIONAL QAM SIGNALING

Docket No.: TI-35080

Art Unit: 2611

Examiner: CORRIELUS, JEAN B.

Conf. No.: 6572

RESPONSE TO EX-PARTE QUAYLE ACTION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

This paper is responsive to the Ex-Parte Quayle Office Action dated June 18, 2007. Please amend the above-identified application as follows:

Amendments to the Specification: None.

Amendments to the Drawings begin on page 3 of this paper.

Amendments to the Claims begin on page 4 of this paper.

Remarks begin on page 7 of this paper.